

Noise Reduction Curtain – BSC 25

BSC-25 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. The BSC-25 consists of a non-reinforced 1-lb psf loaded vinyl noise barrier sandwiched between two layers of vinyl-coated-fiberglass-cloth faced 1" quilted fiberglass sound absorbers.



- Curtain panels with grommets across the top and hook and loop fasteners along the vertical edges
- Rolls are available 4' wide x 25' long and can be supplied with edges bound or unbound
- Available colors: gray, white, black, or tan
- Class A (or 1) flammability rated per ASTM E84

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions between noise sources. Commonly used to line the perimeter walls of a building, or as a free-hanging noise barrier/sound absorber wall.

Product Data:

| | |
|--------------------------|--|
| Description | Vinyl coated fiberglass cloth faced 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Vinyl coated fiberglass cloth faced 1" quilted fiberglass |
| Flammability | Class A: Flame Spread: 22.78 Smoke density: 30.56 |
| Nominal thickness | 2.00 inch |
| Temperature range | -20° to +180° F |
| Standard width | 48" wide |
| Roll length | 25' long |
| Weight | 1.5 lb psf |

Acoustical Performance:

Sound Transmission Loss

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | STC |
|---------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| BSC-25 | 12 | 16 | 27 | 40 | 44 | 43 | 29 |

ASTM E-90 & E 413

Sound Absorption data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | NRC |
|---------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| BSC-25 | .19 | .99 | .96 | .80 | .57 | .33 | .85 |

ASTM C 423